

In the Claims:

1. (currently amended) A computer implemented graphical user interface comprising:

a first window for displaying selectable information in a hierarchical list format comprising recipe names and recipe contents, wherein said recipe contents comprise information to uniquely define manufacturing requirements for a specific product;

a second window for displaying summary information regarding a selected recipe of said first window, said second window comprising a first button; and

a third window displayed in response to activation of said first button and comprising detail information regarding said selected recipe of said first window, said third window comprising a plurality of display portions for editing routing and formula contents of said selected recipe.

2. (original) A graphical user interface as described in Claim 1 wherein said hierarchical list format is a tree structure comprising: project names; organization names; said recipe names; formula names; and routing names.

3. (original) A graphical user interface as described in Claim 2 wherein said tree structure further comprises: laboratory name; product name; and owner name.

4. (original) A graphical user interface as described in Claim 1 wherein said plurality of display portions comprise a routing editor window comprising line

items, for display and editing, said line items representing operations of said routing contents of said selected recipe.

5. (original) A graphical user interface as described in Claim 4 wherein said routing editor window is tab activated.

6. (original) A graphical user interface as described in Claim 4 wherein each of said line items comprise an operation name and a repeat quantity.

7. (original) A graphical user interface as described in Claim 4 wherein said routing editor window further comprises a second button that, when activated, displays a formula window comprising formula contents corresponding to a selected line item of said routing editor window, said formula contents for display and editing.

8. (original) A graphical user interface as described in Claim 4 wherein said plurality of display portions further comprise a throughput window comprising throughput information for line items of said routing editor window.

9. (original) A graphical user interface as described in Claim 8 wherein said throughput window is tab activated.

10. (original) A graphical user interface as described in Claim 1 wherein said plurality of display portions comprise a routing editor window comprising a graphical flow diagram representing operations of said routing contents of said selected recipe.

11. (original) A graphical user interface as described in Claim 1 wherein said plurality of display portions comprise a header display portion comprising: hierarchical organization information; a name of said selected recipe; an associated routing name; and an associated formula name.

12. (original) A graphical user interface as described in Claim 1 further comprising:

a search tool operable to enable a search function to search for recipes.

13. (original) A graphical user interface as described in Claim 1 further comprising:

a right mouse menu displayed in response to activating the right button on a pointing device, wherein said menu comprises: a contextual menu that gives access to standard functions; and specific options based on said selected recipe.

14. (original) A graphical user interface as described in Claim 1 further comprising:

a recipe creation window, wherein said recipe creation window is operable to edit product number and product quantity.

15. (original) A graphical user interface as described in Claim 1 further comprising:

a recipe quantity window, wherein said recipe step quantity window is operable to edit items comprising: recipe description; recipe type; activity factor; and capacity.

16. (original) A graphical user interface as described in Claim 1 further comprising:

a throughput editor window, wherein said throughput editor window is operable to edit line items relating to resources defined for throughput.

17. (original) A graphical user interface as described in Claim 1 further comprising:

a routing details window, wherein said routing details window is operable to edit detailed information on a routing.

18. (original) A graphical user interface as described in Claim 1 further comprising:

a recipe validity rules selection window, wherein said recipe validity rules selection window is operable to edit validity rules.

19. (original) A graphical user interface as described in Claim 1 further comprising:

a recipe validity rules maintenance window, wherein said window is operable to edit formula use, min/max quantity and from/to date.

20. (original) A graphical user interface as described in Claim 1 further comprising:

a recipe type maintenance window, wherein said window is operable to edit routing type associations.

21. (original) A graphical user interface as described in Claim 1 further comprising:

a formula components window, wherein said formula components window is operable to edit formula components, said formula components comprising: product name; and product quantity.

22. (currently amended) A computer implemented graphical user interface comprising:

a list window for displaying selectable information in a hierarchical list format comprising recipe names and recipe contents ~~of recipes~~, wherein said recipe contents comprise information to uniquely define manufacturing requirements for a specific product; and

a detail window displayed in response to activation of a first button and for displaying detail information regarding a selected recipe of said list window, said detail window comprising a plurality of windows for editing routing and formula contents of said selected recipe, said plurality of windows comprising:

a header window comprising: a name of said selected recipe; an associated routing name; and an associated formula name; and

a routing editor window comprising line items representing operations of said routing contents.

23. (original) A graphical user interface as described in Claim 22 wherein said hierarchical list format is a tree structure comprising: project names; organization names; said recipe names; formula names; and routing names.

24. (original) A graphical user interface as described in Claim 23 wherein said tree structure further comprises: laboratory name; product name; and owner name.

25. (original) A graphical user interface as described in Claim 22 wherein said routing editor window is tab activated.

26. (original) A graphical user interface as described in Claim 22 wherein each of said line items comprise an operation name and a repeat quantity.

27. (original) A graphical user interface as described in Claim 22 wherein said routing editor window further comprises a second button that, when activated, displays a formula window comprising formula contents of a selected line item of said routing editor window, said formula contents for display and editing.

28. (original) A graphical user interface as described in Claim 22 wherein said routing editor window further comprises as graphical flow diagram representing operations of said routing contents of said selected recipe.

29. (original) A graphical user interface as described in Claim 22 wherein said routing editor window further comprises a throughput window comprising throughput information for line items of said routing editor window.

30. A graphical user interface as described in Claim 29 wherein said throughput window is tab activated.

31. (currently amended) A method for managing recipe information comprising:

selecting a selected recipe from a hierarchical list of a first window, said list comprising recipe names and recipe contents, wherein said recipe contents comprise information to uniquely define manufacturing requirements for a specific product;

in response to said selecting, displaying a second window comprising summary information regarding said selected recipe, said second window comprising a first button; and

displaying a third window in response to activation of said first button, said third window comprising detail information regarding said selected recipe, said third window comprising a plurality of display portions for editing routing and formula contents of said selected recipe.

32. (original) A method as described in Claim 31 wherein said hierarchical list format is a tree structure comprising: project names; organization names; said recipe names; formula names; and routing names.

33. (original) A method as described in Claim 32 wherein said tree structure further comprises: laboratory name; product name; and owner name.

34. (original) A method as described in Claim 32 further comprising displaying said routing contents of said selected recipe in a routing editor window comprising line items representing operations to be performed.

35. (original) A method as described in Claim 34 wherein said displaying said routing contents is triggered in response to activating a tab.

36. (original) A method as described in Claim 34 wherein each of said line items comprise an operation name and a repeat quantity.

37. (original) A method as described in Claim 34 further comprising displaying a formula window in response to activation of a second button, said formula window comprising formula contents of a selected line item of said routing editor window.

38. (original) A method as described in Claim 34 further comprising displaying a throughput window comprising throughput information for line items of said selected recipe.

39. (original) A method as described in Claim 38 wherein said displaying said throughput window is triggered in response to activating a tab.

40. (original) A method as described in Claim 31 further comprising displaying a graphical flow diagram representing operations of said routing contents of said selected recipe.

41. (original) A method as described in Claim 31 further comprising displaying a fourth window comprising: hierarchical organization information; a name of said selected recipe; an associated routing name; and an associated formula name.

42. (currently amended) A system comprising:
a processor coupled to a bus;
a display coupled to said bus, for displaying graphical text and images to a user; and

a memory coupled to said bus and wherein said memory contains instructions that when executed implement a method for managing recipe information, wherein said recipe information comprises information to uniquely define manufacturing requirements for a specific product, said method comprising the steps of:

selecting a selected recipe from a displayed hierarchical list of a first window, said list comprising recipe names and recipe contents;

in response to said selecting, displaying a second window comprising summary information regarding said selected recipe, said second window comprising a first button; and

displaying a third window in response to activation of said first button, said third window comprising detail information regarding said selected recipe, said third window comprising a plurality of display portions for editing routing and formula contents of said selected recipe.